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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

CARROLL COUNTY



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County Statistical Bulletin

No. 46

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
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IOWA AGRICULTURAL STATISTICS - CARROLL COUNTY

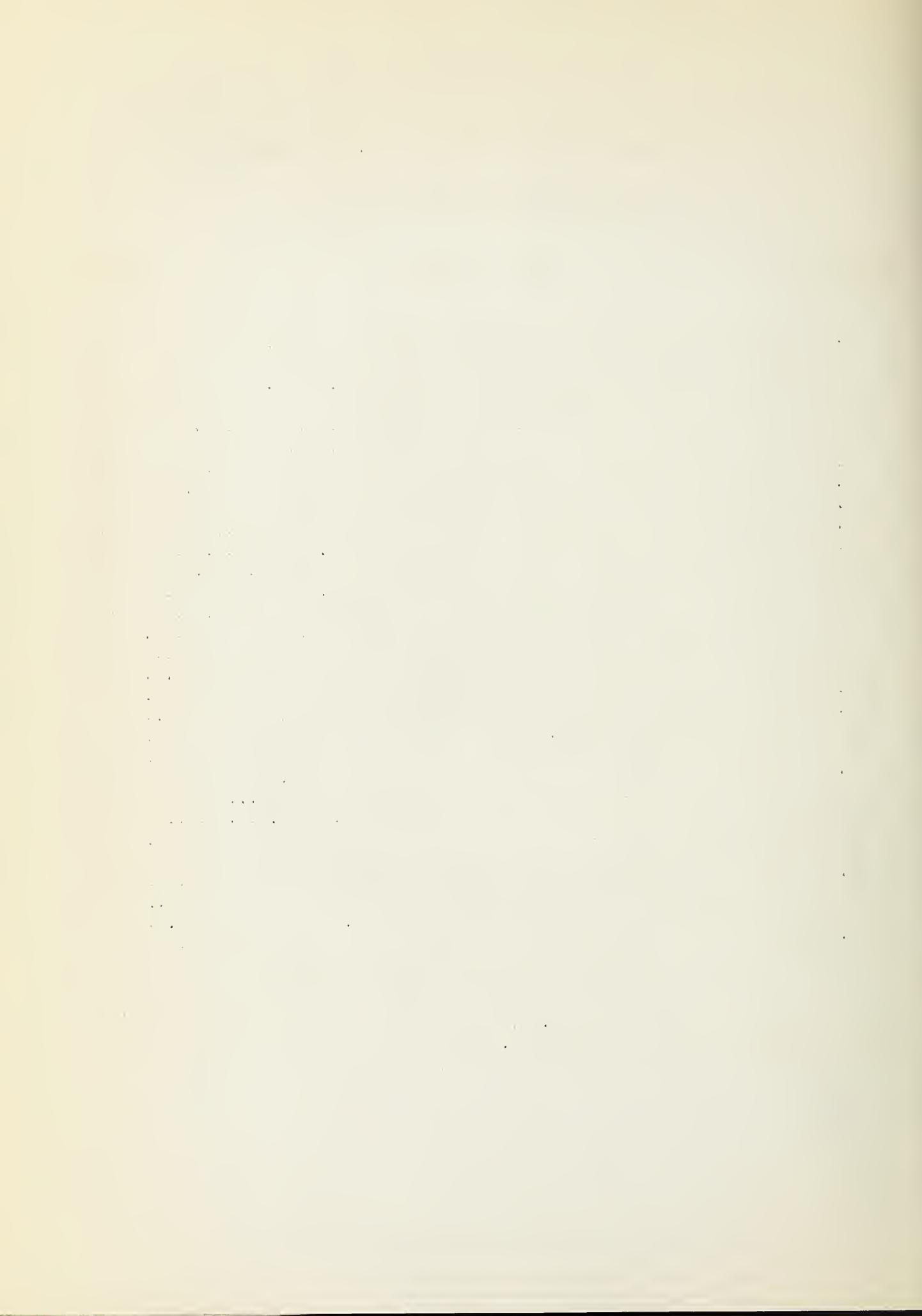
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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 25 and 27.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
December, 1940



IOWA AGRICULTURAL STATISTICS - CARROLL COUNTY

Carroll County was originally a part of the old Benton County 1/ which was created by the Wisconsin Territorial Legislature on December 21, 1837. 2/ The county was established with its present boundaries on January 15, 1851. 3/ and named for Charles Carroll, one of the signers of the Declaration of Independence. 4/

Carroll County is in the "treeless plain" of Iowa, consequently, the first settlements were made along the Raccoon River and its tributaries. There is a legendary story of one "Jumping Dan Scott" of Indiana who entered the State at Keokuk, followed the Des Moines River to the Raccoon River, then followed this river to Carroll County and made a settlement in the southeast corner in 1852. He soon moved on, leaving no trace, but he is generally accepted as the first to make a home in the county. 5/ Enos Buttrick, the second white man to settle in the county, became its first permanent settler. One authority says he came in 1852 and located on the bank of the North Raccoon in what is now Jasper Township. 6/ Another historian claims that he came from Greene County in 1854 and took up a claim a mile west of the present town of Carrollton. 7/

The county was formally organized in 1855 and the county-seat was established at Carrollton in 1856. The Northwestern Railroad was built through the county in 1867 and a new town, called Carroll, was laid out on this line near the geographical center of the county. Carroll became the county-seat during that same year. 8/

With the coming of the railroad, population increased rapidly. Lambert Kniest of Dubuque purchased an entire township in the northwest part of the county and settled the land with German Catholics, principally from Dubuque. In 1870, Mr. Kniest bought an additional 23,000 acres, west of his other holdings, and named it Wheatland Township; his first purchase was named Kniest Township. These people fostered many noteworthy Catholic institutions in the county. 9/

The county has no large towns. Carroll, the largest town, has a population of about 4,700. There are also several smaller places that are good business centers. All the standard farm crops are grown in the county and dairying receives more than usual attention.

1/ Gue, B. F., History of Iowa. Vol. III, p. 321. The Century History Co., New York City. 1903.

2/ Wisconsin Territorial Laws. 1836, 1837, 1838. No. 6, p. 13.

3/ Laws of Iowa. Third General Assembly. 1851. p. 31.

4/ Gue, B. F., History of Iowa. Vol. III, p. 321. The Century History Co., New York City. 1903.

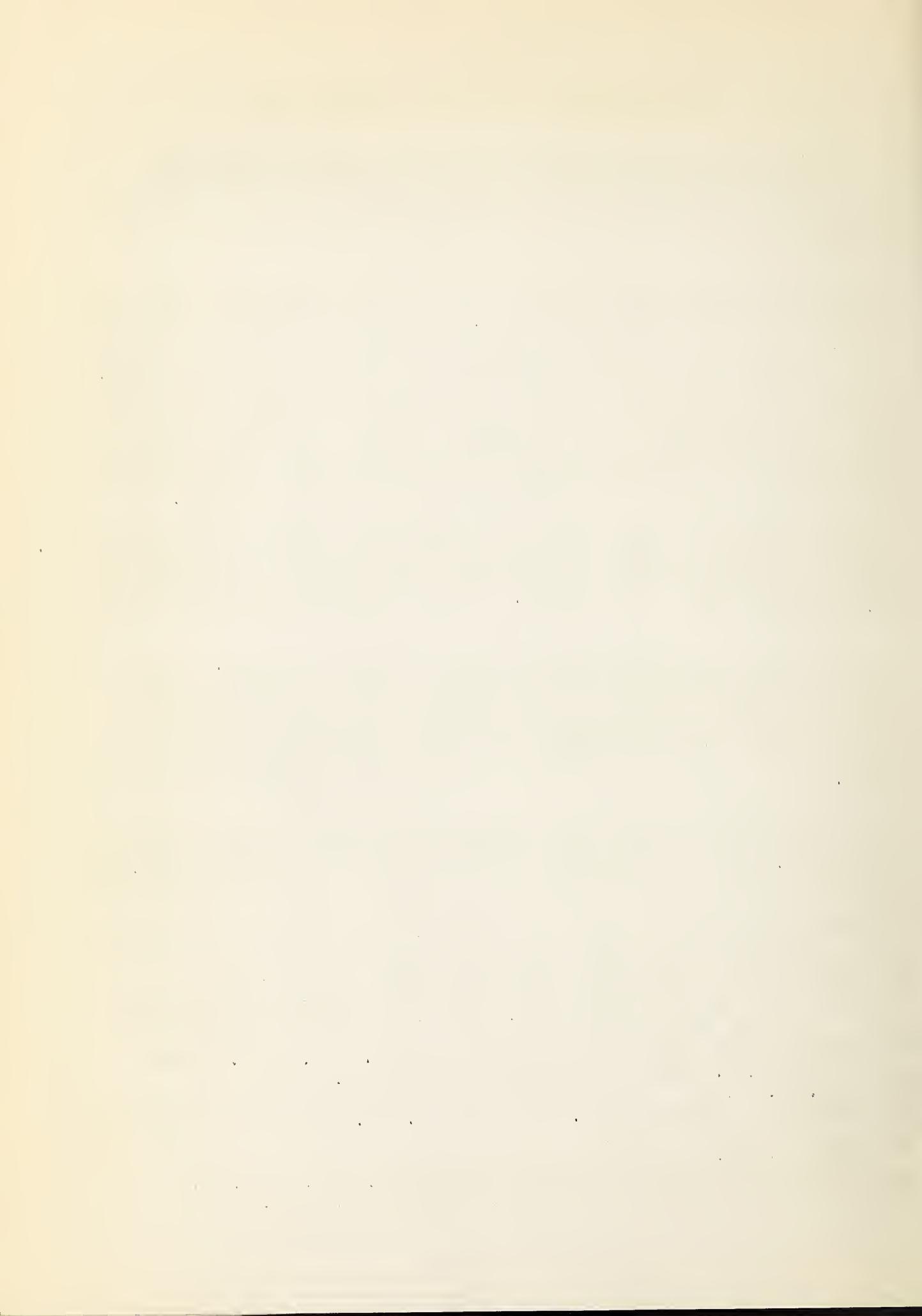
5/ MacClean, Paul, History of Carroll County, Iowa. Vol. I, pp. 15-16. The S. J. Clarke Publishing Co., Chicago, Ill. 1912.

6/ Ibid. p. 6.

7/ Gue, B. F., History of Iowa. Vol. III. p. 321. The Century History Co., New York City, 1903.

8/ Ibid. p. 322.

9/ MacClean, Paul, History of Carroll County, Iowa. Vol. I, p. 57. The S. J. Clarke Publishing Co., Chicago, Ill. 1912.



Merle Hay, the first Iowan to lose his life in the World War, made his home at Glidden. A monument erected in his memory is located here. 10/ Also of interest is the old battle field, near Crescent Lake (now reclaimed), where the last conflict took place between the Sac and Fox Indian tribes. 11/

Area

Carroll County is 24 miles square, embracing 571 square miles 12/, or 365,440 acres. Of this number, 356,888 are listed as farm land. 13/ There are 16 townships in the county and it ranks thirty-second in point of size in the State, sharing this place with Buena Vista and Delaware counties.

Soils

The soils of Carroll County are grouped into 4 classes according to their origin and location; namely, drift, loess, terrace, and swamp and bottom-land. The drift soils cover 43.4 percent of the total area of the county and are divided into Carrington loam--19.5 percent, Carrington fine sandy loam--0.5 percent, Webster loams--11.6 percent, Clarion loams--11.1 percent, and Pierce sandy loam--0.7 percent. The loess soil has but one type, Marshall silt loam, which covers 38.6 percent of the county. The terrace soils cover 4.6 percent of the area and are divided into Fargo loams--2.0 percent, O'Neill loams--1.4 percent, O'Neill fine sand--0.1 percent, Bremer loams--0.8 percent, and Waukesha silt loam--0.3 percent. The swamp and bottom-land soils cover 13.4 percent of the surface and are divided into Wabash loams--11.0 percent, and Lamoure silty clay loam--2.4 percent. 14/

Topography

There are two distinct topographic features in Carroll County, corresponding to the loessial and glacial areas. The line separating the two soil areas runs through Breda, Carroll and Coon Rapids. West of this line in the loessial section, the topography is undulating to rolling. East of this line the surface is gently rolling, except in the extreme northwest corner, where there are rough, rugged strips adjacent to the bottom-lands of the Raccoon River. The general surface of the uplands throughout this drift section varies from gently undulating to nearly level.

The drainage of the county is accomplished by the Raccoon River in the northeast, the Middle Raccoon River, with its tributaries, in the north central part, Rusty Ford Creek in the central southwestern section, and the Nishnabotna River in the southwest corner. 15/

10/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. p. 480. The Viking Press, New York City. 1938.

11/ Rippey, H. C., Tour of the Iowa Counties. p. 1. Daily State Register. Des Moines, Iowa. February 18, 1868.

12/ Iowa Official Register, 1931, 1932. Thirty-first Number. p. 433.

13/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 11.

14/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Carroll County. Soil Survey Report No. 60: 11-12. 1930.

15/ Ibid. pp. 10-11.



Climate

The average temperature for 52 years (1878-1930) was 49.6 degrees. The average precipitation for 55 years (1875-1930) in this county was 20.05 inches, and the growing season averaged 147 days between the killing frost dates of May 8 and October 2, recorded from 1893 to 1930. 16/

Population

Population growth was rather slow until the arrival of the railroad and Lambert Kriest with his German Catholic settlers. The population then increased almost 10,000 in the next ten years (1870-1880). The population density is 30 persons per square mile, as compared with 44 for the State as a whole. The following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1856	251	-	-
1860	281	-	-
1870	2,451	-	-
1880	12,351	-	-
1890	18,828	-	-
1900	20,319	7,296	13,023 <u>17/</u>
1910	20,117	8,901	11,216
1920	21,459 <u>18/</u>	10,846 <u>19/</u>	10,703
1930	22,326 <u>20/</u>	11,242	11,084
1935	-	-	10,661 <u>21/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage of Carroll County totaled about 39 percent of the entire population. Of this amount, the Germans led with 8,064, or nearly 77 percent. The Irish had 401, the English had 310, and the Danes 283. Other nationalities had very small representations. 22/

Cooperatives

In 1937 there were 8 cooperative institutions in operation in this county--7 elevators and 1 creamery.

The 7 cooperatives which reported had 1,535 members, of which 1,462 were active, and 1,870 persons did business with the concerns. The selling cooperatives had a business volume of \$640,188 and the purchasing cooperatives transacted \$107,286 worth of business.

16/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 50--Western Iowa. pp. 3, 8, 19. 1933.

17/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from the total population.

18/ Census of Iowa. 1925. pp. 708-709. 1925.

19/ Ibid. pp. 925 et seq.

20/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

21/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 11.

22/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Population. Vol. III, Part 1, Tables 18-19. pp. 785-788.



Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 23/

Fruit

The highest apple yield on record was in 1909, when 45,267 trees bore 47,035 bushels. Plums were at their peak of production in 1894, with 15,641 trees and 2,200 bushels. Peaches have never been of any importance. Cherries and grapes both reached their highest yields in 1934. In that year 2,943 cherry trees produced 1,206 bushels and 13,645 grape vines yielded 58,287 pounds of fruit. 24/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

23/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

24/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.



TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		POPCORN	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.
1929	2156	356098	165	136932	42	76141	35	1073	25	696	1638
1930	2216	355254	160	139024	33	76859	33	891	25	1140	1334
1931	2205	355948	161	144408	37	76650	33	809	22	483	1334
1932	2171	358022	165	143309	41	77416	32	872	18	538	1715
1933	2208	359468	163	144959	48	78237	15	1108	15	302	1971
1934	2148	356749	166	114178	22	74235	13	1988	12	433	470
1935	2154	358914	167	124137	40	84888	33	2133	14	1365	916
1936	2188	357127	163	137070	10	73567	23	1959	18	823	230
1937	2168	355902	164	140940	47	75695	46	4797	26	610	1305
1938	2134	355214	166	135614	51	76009	39	3095	16	714	1336
10 Yr. Ave.	2175	356870	164	136057	37	76970	30	1872	19	710	1156
BARLEY				SOYBEANS			GRASS SEED			TAME HAY	
Year	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	6762	29	28	18	171	848	7	4465	27671		
1930	5200	29	32	14	92	476	14	5364	27563		
1931	5346	29	25	14	371	16	49	6322	23381		
1932	6317	21	10	13	109	46	18	7811	25058		
1933	6915	13	48	13	11	320	20	9421	26027		
1934	5566	13	44	11	38	15	145	10874	25725		
1935	9577	23	162	15	519	10	96	11784	23798		
1936	5786	18	125	9	5	141	46	13063	25295		
1937	5313	34	331	16	60	175	67	13449	23410		
1938	6054	33	797	20	101	369	132	13624	23397		
10 Yr. Ave.	6284	24	160	17	148	242	59	9618	25132		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- Land Acres	Idle Crop Land Acres				
1929	2950	79106	1691	20028	478	2149	215				
1930	2331	77285	1350	20188	546	2572	167				
1931	2124	76707	1687	20673	418	2564	253				
1932	2146	76311	1991	20646	579	2380	322				
1933	2055	75210	2495	19730	469	2120	1762				
1934	1738	81775	4593	20138	858	2100	23195				
1935	1924	81714	4702	20598	457	1991	853				
1936	1703	82800	2917	20360	179	1848	2644				
1937	1595	76319	3683	19586	212	1946	1038				
1938	1498	80039	2063	20248	172	2551	2730				
10 Yr. Ave.	2006	78527	2717	20250	437	2222	3318				

10 Year Average Acres: Spring Wheat 483; Rye 472; Flaxseed 141.
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	13,224	1.74	4,465	3.01	2,950	2.00	27,671	2.04
1930	14,865	1.23	5,364	3.04	2,331	1.25	27,563	1.62
1931	5,197	1.03	6,322	2.46	2,124	.86	23,381	1.38
1932	7,693	1.40	7,811	2.78	2,146	.85	25,058	1.82
1933	15,641	1.09	9,421	2.08	2,055	.42	26,027	1.43
1934	10,130	.62	10,874	1.75	1,738	.28	25,725	1.17
1935	6,458	.95	11,784	2.43	1,924	1.00	23,798	1.71
1936	10,227	2.30	13,063	1.10	1,703	.70	25,295	1.54
1937	6,756	.95	13,449	2.15	1,595	1.10	23,410	1.72
1938	4,029	1.03	13,624	2.20	1,498	1.00	23,397	1.89
10 Yr. Ave.	9,422	1.28	9,618	2.16	2,006	1.01	25,132	1.63

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	22554	180	7705	40	4364	34	-	-	372	34
1930	124	22657	183	7791	38	4523	32	-	-	370	26
1931	126	22584	179	8604	39	4452	30	23	20	355	28
1932	126	22416	178	8396	40	4455	30	16	16	407	23
1933	130	22204	171	8314	46	4444	10	33	11	472	5
1934	130	22352	172	6925	17	4195	11	76	7	360	12
1935	129	22389	174	7504	40	4853	34	109	8	521	24
1936	127	22098	174	7904	9	4077	16	46	12	357	14
1937	129	22465	174	8895	49	4327	48	234	27	301	37
1938	133	22599	170	8526	50	4954	33	124	11	511	34
10 Yr. Ave.	128	22430	175	8056	39	4464	29	66	16	403	23
Year	POPCORN			SOYBEANS			GRASS SEED			TAME HAY	
	Acres	Ave. Yld. Lbs.		Acres	Ave. Yld.		Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	65	91	-	-	136	2501
1930	-	-	-	-	-	58	106	-	-	198	2425
1931	-	-	-	-	-	139	-	-	-	251	2065
1932	-	-	-	-	-	41	-	-	-	253	2172
1933	1	1800	-	-	-	8	34	1	413	2252	
1934	8	625	-	-	-	-	-	-	640	2176	
1935	94	657	9	8	136	-	-	2	792	1713	
1936	47	234	-	-	-	-	-	-	926	2055	
1937	27	1296	-	-	10	-	-	-	988	1744	
1938	37	1676	8	9	-	-	-	40	935	1505	
10 Yr. Ave.	21	825	2	8	46	23	4	553	2061		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
	202	5630	154	1312	18	189	14				
1929	177	5576	180	1361	19	133	44				
1930	171	4961	180	1230	39	305	10				
1931	135	5001	183	1311	57	233	9				
1932	125	4781	264	1257	16	40	196				
1933	153	5417	936	1230	31	54	741				
1934	112	5285	745	1221	18	13	54				
1935	99	5070	1106	1266	35	16	20				
1936	94	4919	522	1302	39	41	10				
1937	59	5081	359	1293	26	21	55				
10 Yr. Ave.	131	5175	463	1278	30	104	115				

10 Yr. Ave. Acres - Spring Wheat 67

Rye 46 Flaxseed 12

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Rye 46 Flaxseed 12 Source: Iowa Department of Agriculture
(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Eden Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	128	22880	179	8231	36	5140	31	65	22	337	25
1930	132	22690	172	8479	30	5057	30	10	25	191	28
1931	130	22652	174	8224	39	5393	32	-	-	161	27
1932	133	22614	170	8689	39	5155	30	12	27	132	20
1933	119	22610	190	8878	51	5041	9	6	8	195	10
1934	122	22774	187	6914	31	4962	17	89	21	167	17
1935	124	22927	185	7617	40	5345	27	108	11	381	21
1936	124	22649	183	8468	13	4847	17	106	20	181	15
1937	123	22681	184	8813	47	5011	44	237	24	128	22
1938	123	22707	185	8642	47	5361	33	80	7	26	27
10 Yr. Ave.	126	22713	181	8296	38	5131	27	71	19	190	21
Year	POPCORN			SOYBEANS			GRASS SHED			TAME HAY	
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	23	17	-	236	2406		
1930	-	-	-	-	5	15	-	200	2137		
1931	-	-	-	-	28	-	3	288	2077		
1932	-	-	-	-	-	-	-	391	1975		
1933	-	-	-	-	-	-	-	479	1896		
1934	-	-	-	-	-	-	5	548	1932		
1935	-	-	-	-	19	1	-	587	1975		
1936	11	818	4	6	-	-	-	662	2041		
1937	3	833	5	10	-	40	-	662	1866		
1938	4	100	12	13	-	63	-	716	1730		
10 Yr. Ave.	2	661	2	11	8	14	1	477	2004		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	103	4774	152	1573	-	76	-				
1930	62	4431	128	1707	-	483	-				
1931	33	4854	106	1723	-	50	-				
1932	61	4566	129	1790	-	87	18				
1933	49	4786	145	1295	-	40	279				
1934	52	5238	162	1346	-	-	1907				
1935	68	5623	338	1400	-	23	30				
1936	73	5073	172	1414	-	177	82				
1937	58	4761	238	1473	19	69	-				
1938	63	5154	31	1473	3	40	88				
10 Yr. Ave.	62	4926	160	1519	2	104	240				

10 Yr. Ave. Acres - Spring Wheat 38

Rye 25 Flaxseed 4

(Acreages Also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELD

Ewoldt Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	20214	162	6837	40	3584	35	-	-	263	30
1930	125	20242	162	6806	29	3792	31	-	-	255	30
1931	119	19465	164	7234	40	3501	35	-	-	297	30
1932	121	19671	163	7497	40	3786	28	5	10	-	-
1933	122	21353	175	7911	48	3698	8	-	-	394	6
1934	126	21556	171	6197	28	3618	14	27	10	270	11
1935	123	21599	176	6791	42	4648	27	12	6	498	17
1936	127	21581	170	7410	10	3769	14	4	12	301	12
1937	131	21342	163	7903	44	3959	45	118	27	253	29
1938	127	21148	167	7462	44	4199	37	26	9	280	26
10 Yr. Ave.	125	20817	167	7205	38	3855	28	19	20	281	20
POPCORN				SOYBEANS		GRASS SEED			TAME HAY		
Year	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	10	-	136	2470		
1930	-	-	-	-	-	-	-	51	2292		
1931	-	-	-	-	5	-	-	342	1800		
1932	-	-	-	-	13	-	-	357	1611		
1933	-	-	-	-	-	-	-	501	2178		
1934	-	-	-	-	-	-	-	633	2111		
1935	65	871	-	-	4	-	10	824	1910		
1936	-	-	-	-	-	-	23	1016	2069		
1937	-	-	-	-	-	-	-	1139	2199		
1938	5	700	-	-	-	-	-	1022	1646		
10 Yr. Ave.	7	859	0	0	2	1	3	602	2029		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Lots Acres	Waste- land Acres	Idle Crop Land Acres			
1929	-	5490	147	1423	-	-	-	-	-	-	
1930	-	5759	9	1329	-	-	-	-	-	-	
1931	-	5275	163	1180	-	-	10	-	-	-	
1932	84	5197	372	1102	-	-	4	-	-	-	
1933	106	5129	112	1391	4	-	37	-	393	-	
1934	81	5857	151	1334	3	-	24	-	1883	-	
1935	72	5815	259	1384	3	-	27	-	101	-	
1936	62	6359	152	1303	-	-	9	-	120	-	
1937	64	5109	426	1264	-	-	10	-	37	-	
1938	32	5785	205	1259	-	-	-	-	249	-	
10 Yr. Ave.	50	5578	200	1297	1	-	12	-	278	-	

10 Yr. Ave. Acres-Spring Wheat 48

Rye 50 Flaxseed .5

(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS
Glidden Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	136	20996	154	9467	45	4097	40	223	30	490	33
1930	140	21494	154	9622	33	4367	36	226	27	360	28
1931	134	20354	152	9499	34	4144	36	154	24	232	30
1932	133	20840	157	9260	42	4248	37	108	24	471	24
1933	139	21173	152	9340	50	4349	24	206	20	434	18
1934	134	21688	162	7544	30	4222	14	371	14	312	15
1935	133	21396	161	7874	33	4894	38	273	20	438	25
1936	129	21322	165	8909	12	4084	32	283	26	162	20
1937	128	21703	170	9207	49	4323	52	705	27	140	42
1938	120	21120	176	8491	56	3974	44	590	17	233	28
10 Yr. Ave.	133	21209	160	8921	40	4270	35	314	22	327	26
Year	POPCORN			SOYBEANS			GRASS SEED			TAME HAY	
	Acres	Ave. Yld. Lbs.		Acres	Ave. Yld.	Timothy Acres	Red & Al's. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay	
1929	-	-		-	-	-	-	-	344	864	
1930	-	-		-	-	-	-	-	364	950	
1931	-	-		-	-	-	-	-	404	751	
1932	-	-		-	-	-	-	-	580	1034	
1933	-	-		-	-	-	-	-	690	1149	
1934	-	-		-	-	-	-	17	728	1192	
1935	3	800	35	22	16	-	-	-	683	1226	
1936	7	571	5	9	-	-	-	6	737	1114	
1937	-	-	49	19	-	-	-	-	791	1066	
1938	-	-	172	20	-	-	-	-	742	1133	
10 Yr. Ave.	1	640	26	20	2	0	0	2	606	1048	
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres					Idle Crop Land Acres	
1929	63	4139	31	1086	196				202	138	
1930	63	4355	12	1083	150				306	-	
1931	59	4144	50	1066	80				175	-	
1932	63	4255	-	1105	170				126	-	
1933	31	4092	78	1160	236				98	-	
1934	26	4524	107	1194	149				137	1893	
1935	26	4955	211	1173	64				157	51	
1936	20	4996	167	1199	-				99	271	
1937	23	4510	271	1199	5				184	16	
1938	18	4531	221	1178	54				230	295	
10 Yr. Ave.	40	4450	115	1144	110				171	266	

10 Yr. Ave. Acres - Spring Wheat .2

Rye 43 Flaxseed 6

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	117	21572	184	9139	43	4912	32	5	36	769	27
1930	120	21198	177	9393	36	4804	36	63	34	506	34
1931	120	21522	179	9750	40	5029	38	79	20	311	35
1932	119	21453	180	9445	40	4889	35	10	16	564	25
1933	121	21561	178	9388	50	4730	21	15	12	668	19
1934	119	21289	179	7604	24	4597	14	112	8	468	15
1935	119	21000	176	7953	38	5002	38	37	13	897	27
1936	118	21278	180	9055	12	4826	28	82	19	634	21
1937	118	21219	180	8769	52	4722	52	306	27	372	30
1938	115	21300	185	9214	51	4670	42	168	15	438	33
10 Yr. Ave.	119	21339	180	8971	40	4818	34	88	21	568	26
		POPCORN		SOYBEANS			GRASS SEED			TAME HAY	
Year		Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als., Clo., Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres	
1929	45	933	-	-	-	-	-	-	382	1146	
1930	-	-	-	-	-	-	-	-	422	1146	
1931	-	-	-	-	-	-	-	-	468	907	
1932	-	-	-	-	-	-	-	-	524	977	
1933	4	2500	-	-	-	-	-	-	661	1165	
1934	-	-	3	12	-	-	-	-	593	1206	
1935	75	507	-	-	-	-	-	-	700	1156	
1936	-	-	-	-	-	-	-	-	784	1060	
1937	-	-	-	-	-	-	-	-	676	1185	
1938	-	-	36	18	12	23	6	1	796	1219	
10 Yr. Ave.	12	726	4	17	1	2	1	1	601	1117	
	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres				Waste- land Acres	Idle Crop Land Acres	
1929	265	3738	73	1255	-				225	-	
1930	193	3720	64	1219	-				90	-	
1931	170	3801	4	1304	-				167	-	
1932	174	3844	56	1238	-				256	-	
1933	227	3723	159	1174	-				308	-	
1934	123	4120	70	1139	-				401	1446	
1935	186	3978	137	1238	15				235	91	
1936	157	3862	52	1193	-				337	20	
1937	114	4238	122	1103	7				266	15	
1938	154	3537	160	1183	2				251	200	
10 Yr. Ave.	176	3856	90	1205	2				254	177	

10 Yr. Ave. Acres - Spring Wheat

16

* Included in "All Tame Hay".

Rye 27 Flaxseed 27

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Jasper Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	128	22194	173	9181	40	4325	38	163	23	520	31
1930	131	22100	169	9134	34	4090	33	187	27	522	29
1931	130	22113	170	9438	34	4022	30	179	19	507	30
1932	125	22175	177	9389	42	3997	33	144	20	661	18
1933	129	22186	172	9138	43	4473	23	202	17	494	16
1934	129	22126	172	7394	32	4381	14	235	10	218	11
1935	131	22154	169	7899	37	4929	34	246	16	432	24
1936	130	22085	170	8714	12	4466	26	259	18	272	16
1937	125	22060	176	8840	49	4240	49	551	28	150	34
1938	129	22081	171	8849	50	4200	38	279	16	134	31
10 Yr. Ave.	129	22123	172	8798	38	4312	32	244	20	391	24
Year	POPCORN		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	50	600	20	17	-	25	--	292	582		
1930	170	797	16	16	-	-	-	375	742		
1931	33	955	15	13	17	10	-	382	578		
1932	-	-	-	-	-	29	-	458	745		
1933	-	-	10	12	-	55	2	448	698		
1934	-	-	28	14	-	-	-	449	1025		
1935	54	620	15	10	-	-	-	418	843		
1936	-	-	15	3	-	-	-	546	867		
1937	10	2200	90	21	-	-	-	528	885		
1938	-	-	186	24	-	-	-	495	1018		
10 Yr. Ave.	32	797	40	20	2	12	.2	439	798		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres				Idle Crop Land Acres		
1929	276	5399	125	817	30			706			
1930	267	5385	75	807	41			656	8		
1931	217	5345	80	886	35			758	8		
1932	191	5181	127	921	15			737	67		
1933	197	5022	105	930	7			740	168		
1934	174	5561	217	856	254			497	1286		
1935	137	5732	238	849	14			665	51		
1936	188	5616	21	852	40			605	170		
1937	183	5346	101	879	70			686	29		
1938	150	5240	103	880	-			938	104		
10 Yr. Ave.	203	5383	119	868	51			699	189		

10 Yr. Ave. Acres - Spring Wheat 1

*Included in "All Tame Hay."

Rye 39 Flaxseed 6

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

15

Kniest Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	133	22537	170	9379	44	5487	41	49	19	863	37
1930	134	21829	163	9346	32	5180	36	16	40	674	33
1931	136	22812	168	9871	41	5465	34	42	22	764	25
1932	136	22922	169	9727	42	5541	33	18	13	846	19
1933	130	22501	173	9838	54	5844	22	31	10	554	16
1934	130	21787	168	7472	28	4948	14	79	11	811	12
1935	131	22047	168	7901	45	5337	38	83	18	1137	26
1936	134	22052	165	8922	9	4973	31	98	18	853	24
1937	131	21873	167	9435	53	4683	52	261	28	1048	40
1938	132	21570	163	8385	58	4134	41	241	17	1534	36
10 Yr. Ave.	133	22196	167	9037	42	5164	34	92	20	908	28
Year	POPCORN		SOYBEANS		GRASS SEED				TAME HAY		
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres	All Tame Hay Acres		
1929	107	1520	-	-	-	166	7	344	1345		
1930	190	1171	-	-	-	146	-	482	1320		
1931	155	1431	-	-	25	6	4	610	1270		
1932	171	1772	-	-	-	12	10	752	1571		
1933	37	2192	-	-	-	52	-	914	1360		
1934	92	467	5	5	-	-	27	888	1276		
1935	333	1143	17	13	12	-	3	1094	1542		
1936	323	317	-	-	-	-	7	1313	1552		
1937	140	1514	7	2	-	-	24	1316	1478		
1938	194	1972	46	20	-	6	54	1245	1602		
10 Yr. Ave.	174	1212	8	16	4	39	14	896	1432		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	201	3711	137	1202	35	42	2				
1930	167	3616	109	1189	12	10	-				
1931	143	3611	119	1290	23	25	-				
1932	80	3457	100	1352	17	32	-				
1933	118	3285	161	1220	6	43	4				
1934	33	3718	148	1276	-	26	1826				
1935	106	3809	257	1315	7	35	13				
1936	81	3627	148	1301	-	27	140				
1937	43	3247	185	1291	-	24	7				
1938	65	3763	117	1343	2	24	66				
10 Yr. Ave.	109	3584	148	1278	10	29	206				

10 Yr. Ave. Acres - Spring Wheat 50

Rye 29 Flaxseed 10

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS
Maple River Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	131	21793	166	8498	42	4439	32	92	21	551	25
1930	132	21795	165	8616	39	4410	33	59	23	402	30
1931	131	21634	165	8907	40	4275	32	57	21	454	28
1932	131	21810	166	8826	38	4560	29	34	16	326	20
1933	139	22002	158	8994	49	4398	14	52	13	541	13
1934	141	21996	156	7073	21	4240	13	55	9	424	13
1935	136	22021	162	7552	42	4894	32	109	13	764	22
1936	137	21898	160	8508	7	4353	16	92	16	369	15
1937	131	21853	167	8979	49	4524	45	325	26	533	35
1938	136	21854	161	8573	51	4764	37	156	15	496	27
10 Yr. Ave.	134	21866	163	8453	40	4486	28	103	19	486	23
Year	POPCORN			SOYBEANS			GRASS SEED			TAME HAY	
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	29	2052	8	20	-	-	-	328	1878		
1930	54	1772	16	12	-	-	-	451	1927		
1931	14	1079	-	-	-	-	-	479	1566		
1932	16	1781	-	..	-	-	-	605	1950		
1933	51	2255	19	19	-	-	7	650	1897		
1934	50	522	8	8	-	-	-	879	1716		
1935	131	589	50	15	33	-	20	1019	1640		
1936	40	23	6	6	-	-	-	1016	1806		
1937	24	658	28	16	-	-	-	1027	1451		
1938	70	1307	51	12	-	-	-	1018	1401		
10 Yr. Ave.	48	1097	19	14	3	0	3	747	1723		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	259	4522	105	1243	46	95	28				
1930	162	4624	129	1273	31	59	33				
1931	158	4505	118	1245	139	68	128				
1932	115	4228	190	1404	63	81	17				
1933	135	4233	261	1334	40	33	7				
1934	118	4850	195	1325	73	24	1845				
1935	117	4652	587	1299	77	73	23				
1936	100	4641	214	1285	53	27	404				
1937	118	4011	483	1283	31	33	30				
1938	102	4536	131	1315	22	90	147				
10 Yr. Ave.	138	4480	241	1301	58	58	266				

10 Yr. Ave. Acres - Spring Wheat 49

*Included in "All Tame Hay."

Rye 36 Flaxseed 21

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.")

Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

17

Newton Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acre Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	117	21641	185	7285	37	4756	28	4	25	187	24
1930	121	22042	182	7556	29	4768	28	6	15	210	29
1931	127	21973	173	7813	37	4615	29	5	16	366	26
1932	129	22187	172	7789	38	4758	27	8	7	486	25
1933	128	22317	174	8219	41	4860	10	14	12	455	8
1934	112	21872	195	6354	20	5156	10	86	14	323	12
1935	108	21821	202	6721	37	6105	24	77	10	677	17
1936	120	22204	185	7460	11	4659	19	53	16	258	15
1937	112	22056	197	7900	40	5067	42	238	24	174	29
1938	111	22242	200	7249	46	5128	35	193	11	81	29
10 Yr. Ave.	118	22036	186	7435	35	4987	25	68	16	322	20

Year	POPCORN		SOYBEANS		GRASS SEED			TAME HAY		
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres	
1929	-	-	-	-	56	387	-	230	2095	
1930	-	-	-	-	-	115	-	277	2170	
1931	-	-	-	-	34	-	30	331	1739	
1932	-	-	-	-	36	5	-	415	1843	
1933	-	-	-	-	3	137	-	529	1825	
1934	-	-	-	-	23	5	56	579	1641	
1935	22	673	-	-	61	9	5	648	1122	
1936	10	252	-	-	5	-	-	710	1506	
1937	-	-	-	-	-	-	21	752	1254	
1938	-	-	13	13	3	38	-	827	1411	
10 Yr. Ave.	3	541	1	13	22	70	11	530	1661	

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots, for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres	
							Acres	Acres
1929	172	5565	62	1064	-	395	-	-
1930	149	5451	73	1175	99	309	76	
1931	133	5445	82	1180	-	531	-	
1932	143	5219	69	1162	101	457	116	
1933	161	5049	97	1066	89	354	125	
1934	156	5096	148	1052	293	488	1000	
1935	155	4875	227	1060	213	282	219	
1936	138	6192	105	1146	3	200	469	
1937	136	5558	173	1160	8	102	265	
1938	154	5968	40	1157	2	299	544	
10 Yr. Ave.	150	5442	108	1122	81	342	281	

10 Yr. Ave. Acres - Spring Wheat 23

Rye 32 Flaxseed 1

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Pleasant Valley Twp.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	110	22183	202	8407	43	4991	30	45	28	393	24
1930	110	22092	201	8312	28	5056	30	88	25	128	23
1931	114	22091	194	8766	33	5144	30	-	-	418	26
1932	109	22404	206	8590	40	5047	31	62	18	525	21
1933	110	22144	201	8672	46	4909	13	48	10	731	13
1934	110	22097	201	6960	17	4706	12	74	7	522	16
1935	112	22565	201	7524	41	5563	33	93	12	846	25
1936	110	22182	202	8365	12	4722	23	239	14	551	21
1937	107	21751	203	7992	44	5093	40	361	25	472	30
1938	108	21647	200	7953	50	4737	38	195	15	367	28
10 Yr. Ave.	110	22116	201	8154	37	4997	28	120	18	495	22
Year	POPCORN		SOYBEANS		GRASS SEED				TAME HAY		
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres		
1929	-	-	-	-	-	-	-	-	297	1578	
1930	20	1000	-	-	-	-	-	-	282	1541	
1931	-	-	-	-	15	-	-	-	200	1419	
1932	-	-	-	-	-	-	-	-	439	1528	
1933	-	-	1	18	-	-	-	-	540	1477	
1934	-	-	-	-	-	-	-	-	725	1383	
1935	14	1000	21	14	10	-	-	-	642	1235	
1936	2	300	-	-	-	-	-	10	676	1107	
1937	-	-	-	-	7	6	10	-	758	1057	
1938	5	1800	3	3	-	3	5	-	832	1274	
10 Yr. Ave.	4	1063	2	13	3	1	2	539	1360		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
	242	4965	89	1160	135	153	20				
1930	105	5094	4	1183	130	431	-				
1931	81	4673	49	1176	-	350	-				
1932	130	4927	88	1129	90	253	35				
1933	131	4520	140	1079	30	300	106				
1934	118	4931	122	1104	50	238	1889				
1935	130	5537	137	1177	22	245	11				
1936	141	5325	43	1207	24	255	191				
1937	105	4745	74	1117	-	423	295				
1938	61	5220	24	1135	-	458	210				
10 Yr. Ave.	124	4994	77	1147	48	311	276				

10 Yr. Ave. Acres - Spring Wheat 29

Rye 18 Flaxseed 2

Source: (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

Richland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	116	21320	184	10137	39	4922	28	16	25	506	26
1930	120	22044	184	10867	28	4983	38	31	21	368	25
1931	125	22271	178	10889	35	5067	37	90	27	383	30
1932	122	22287	183	10900	46	4780	35	168	17	577	21
1933	125	22322	179	10584	49	5284	18	124	14	536	13
1934	123	21462	174	8130	24	4815	11	166	9	289	14
1935	123	22430	182	9286	38	5626	36	183	14	665	23
1936	125	22021	176	10478	13	4908	32	87	22	239	21
1937	117	22024	188	10237	47	5151	48	196	19	208	30
1938	116	21275	183	9703	54	4362	41	213	13	105	33
10 Yr. Ave.	121	21946	181	10121	38	5040	33	127	16	388	22
Year	POPCORN		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres	All Tame Hay		
1929	-	-	-	-	-	-	-	-	415	934	
1930	-	-	-	-	-	-	-	-	413	1059	
1931	-	-	-	-	-	-	-	-	494	786	
1932	-	-	6	15	-	-	-	-	617	846	
1933	10	2450	5	16	-	-	-	10	682	917	
1934	-	-	-	-	-	-	-	-	713	953	
1935	21	871	6	10	-	-	-	-	733	1117	
1936	13	231	.23	10	-	-	-	-	719	1025	
1937	-	-	-	-	-	-	-	-	786	1082	
1938	-	-	85	19	-	-	-	-	693	964	
10 Yr. Ave.	4	1041	12	17	0	0	1	626	968		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	125	3378	33	1257	-	8	4				
1930	161	3360	43	1112	60	-	-				
1931	124	3646	109	1149	28	-	-				
1932	83	3673	40	1184	30	-	-				
1933	93	3551	80	1048	30	4	46				
1934	65	3576	87	1110	-	36	2235				
1935	87	4008	152	1166	4	33	76				
1936	38	3904	35	1079	3	33	156				
1937	136	3785	57	1133	5	10	24				
1938	42	3771	50	1093	-	22	365				
10 Yr. Ave.	95	3665	69	1133	16	15	291				

10 Yr. Ave. Acres - Spring Wheat 10

Rye 29 Flaxseed 11

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Roselle Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	123	22453	183	7558	40	4930	32	93	20	213	31
1930	130	22551	173	7660	33	5018	30	84	20	179	28
1931	123	22452	183	7683	38	5183	28	79	16	89	26
1932	122	22593	185	7793	38	5109	27	82	12	151	18
1933	120	22571	188	8296	46	4978	9	39	12	110	11
1934	123	22549	183	6551	15	4741	13	99	7	138	15
1935	123	22654	184	7038	41	5592	21	150	9	343	20
1936	123	22619	184	7596	12	4717	17	107	13	161	12
1937	130	22606	174	7908	43	5181	37	210	19	190	28
1938	121	22614	187	7183	44	5281	32	44	10	86	28
10 Yr. Ave.	124	22566	182	7527	36	5073	25	99	14	166	22
Year	POPCORN			SOYBEANS			GRASS SEED			TAME HAY	
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	29	-	-	303	2473		
1930	-	-	-	-	19	-	-	287	2380		
1931	-	-	-	-	77	-	12	368	1955		
1932	-	-	-	-	5	-	-	519	1946		
1933	-	-	-	-	-	-	-	621	2189		
1934	-	-	-	-	15	10	40	796	2178		
1935	-	-	-	-	93	-	-	937	1908		
1936	-	-	-	-	-	-	-	908	2108		
1937	-	-	-	-	38	112	-	968	1910		
1938	-	-	-	-	29	220	-	907	2031		
10 Yr. Ave.	0	0	0	0	30	34	5	661	2108		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots For Timber only Acres		Waste-land Acres		Idle Crop Land Acres		
1929	176	5581	147	1253	-	-	-	-	-		
1930	186	5474	162	1389	-	-	-	-	-		
1931	237	5573	132	1355	-	-	10	-	67		
1932	279	5661	144	1408	-	-	10	-	5		
1933	191	5264	175	1323	-	-	6	-	-		
1934	146	6180	178	1582	-	-	13	-	688		
1935	201	5574	231	1509	-	-	5	-	10		
1936	171	6103	157	1480	-	-	7	-	12		
1937	143	5365	156	1423	-	-	10	-	72		
1938	134	6114	57	1577	-	-	-	-	78		
10 Yr. Ave.	186	5689	154	1430	0	-	6	-	93		

10 Yr. Ave. Acres - Spring Wheat 35

Rye 12 Flaxseed 6

(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

21

Sheridan Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	127	21156	168	3996	39	5156	38	262	26	133	32
1930	141	21029	149	8992	33	5462	36	31	17	154	26
1931	128	21354	167	9547	33	5325	34	38	30	61	28
1932	133	21563	162	9563	42	5473	34	143	21	246	17
1933	133	21549	162	9449	52	5804	26	283	14	147	21
1934	124	21589	174	7523	30	5213	14	269	14	168	14
1935	133	21549	162	8365	37	5685	36	393	17	366	25
1936	133	21325	160	8859	12	5351	30	308	19	180	21
1937	128	21128	165	8878	50	5390	50	306	28	179	37
1938	130	21286	164	8822	55	5137	44	300	18	335	33
10 Yr. Ave.	131	21353	163	8899	39	5400	34	233	20	197	26
POPCORN				SOYBEANS			GRASS SEED			TAME HAY	
Year	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy	Red & Als. Clo.	Sweet Clover	Alfalfa	All Tame Hay Acres		
1929	65	2000	-	-	-	36	-	245	1229		
1930	171	988	-	-	-	4	-	336	1248		
1931	90	1000	-	-	-	-	-	424	1144		
1932	-	-	-	-	-	-	-	490	1122		
1933	9	2222	-	-	-	30	-	610	1166		
1934	-	-	-	-	-	-	-	631	1102		
1935	35	986	-	-	-	-	53	726	1370		
1936	30	43	23	8	-	-	-	753	1303		
1937	40	562	53	17	-	-	-	850	1339		
1938	11	273	107	26	-	-	7	859	1405		
10 Yr. Ave.	45	1043	18	21	0	7	6	592	1243		
Wild Hay Acres				All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres		
1929	175	3742	56			1303	14	25	-		
1930	78	3530	19			1306	-	38	-		
1931	89	3742	15			1287	-	16	-		
1932	101	3520	12			1298	-	45	40		
1933	69	3257	27			1289	-	34	15		
1934	82	4013	70			1286	-	39	1824		
1935	73	3705	38			1294	4	100	18		
1936	67	3604	33			1243	11	35	278		
1937	78	3507	89			1230	-	41	3		
1938	69	3625	98			1247	4	99	20		
10 Yr. Ave.	88	3624	51			1278	3	47	220		

10 Yr. Ave. Acres - Spring Wheat 15

Rye 17 Flaxseed 1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
("os") Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acre	Ave. Yld.	Acre	Ave. Yld.	Acre	Ave. Yld.	Acre	Ave. Yld.
1929	140	21469	153	8077	43	4506	35	32	17	471	20
1930	137	21403	156	8486	28	4655	34	47	17	233	27
1931	147	22190	151	8896	34	4690	35	20	20	251	27
1932	149	22059	148	8146	38	4609	31	26	12	197	22
1933	149	22085	148	8420	48	4758	12	24	16	443	9
1934	162	21533	133	6690	18	4028	9	163	13	449	11
1935	147	21369	145	7705	40	4735	38	111	11	538	20
1936	146	21247	146	8244	14	4128	25	55	13	379	15
1937	141	21064	149	8171	34	4438	45	207	22	251	22
1938	135	21252	157	8094	46	4458	41	210	29	130	26
10 Yr. Ave.	145	21567	148	8093	35	4500	31	90	19	334	18
Year	POPCORN		SOYBEANS		GRASS SEED				TAME HAY		
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	77	-	469	1362		
1930	-	-	-	-	-	-	-	609	1351		
1931	-	-	10	15	-	-	-	595	1230		
1932	-	-	-	-	-	-	-	645	1360		
1933	1	1200	13	5	-	-	-	799	1403		
1934	-	-	-	-	-	-	-	801	1269		
1935	5	200	-	-	-	-	-	522	1236		
1936	-	-	-	-	-	141	-	590	1263		
1937	-	-	26	5	-	-	-	555	1037		
1938	-	-	37	18	-	-	-	669	1110		
10 Yr. Ave.	1	367	9	12	0	22	0	625	1262		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres		Idle Crop Land Acres			
1929	91	5765	24	1117	-	-	15	9			
1930	94	5418	32	1062	-	-	25	-			
1931	46	5606	47	1309	30	-	40	15			
1932	69	6308	93	1213	-	-	38	-			
1933	57	5517	132	1195	-	-	48	74			
1934	74	5778	105	1279	-	-	61	1637			
1935	39	5455	93	1397	1	-	33	21			
1936	37	5671	62	1385	3	-	-	20			
1937	12	5637	131	1113	-	-	-	41			
1938	43	5699	165	1138	32	-	58	78			
10 Yr. Ave.	56	5685	88	1221	7	-	32	190			

10 Yr. Ave. Acres - Spring Wheat 30

* Included in "All Tame Hay".

Rye 27 Flaxseed 13

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 17
LAND UTILIZATION AND YIELDS

23

Washington Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	124	22165	179	7531	47	4430	41	-	-	318	30
1930	129	22376	173	7921	37	4603	31	-	-	333	30
1931	120	21933	183	8299	35	4419	30	-	-	266	29
1932	120	22242	185	8274	46	4857	36	-	-	199	24
1933	125	21968	176	8260	46	4480	8	5	15	264	5
1934	124	22034	178	6246	19	4529	12	5	6	235	11
1935	126	22328	177	6723	44	5099	29	19	15	420	20
1936	130	22264	171	7858	10	3931	16	32	11	231	13
1937	127	22363	176	8240	46	4241	45	176	16	299	31
1938	122	22213	182	7692	50	4602	36	62	12	337	32
10 Yr. Ave.	125	22189	178	7704	40	4519	28	30	15	290	23
POPCORN				SOYBEANS				GRASS SEED			
Year	Acres	Ave. Yld Lbs.		Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres	
1929	-	-		-	-	-	-	-	49	2545	
1930	72	2343		-	-	-	-	-	97	2434	
1931	4	500		-	-	-	-	-	171	1983	
1932	-	-		-	-	-	-	-	233	2094	
1933	-	-		-	-	-	-	-	301	2192	
1934	9	111		-	-	-	-	-	493	2623	
1935	50	960		-	-	65	-	-	623	1979	
1936	-	-		40	12	-	-	-	737	2256	
1937	-	-		54	11	-	-	-	722	1998	
1938	1	3500		16	17	20	9	20	796	2025	
10 Yr. Ave.	14	1641		11	12	8	1	2	422	2213	
Wild Hay Acres			All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres		Idle Crop Land Acres		
1929	225	5537		159	1420	-	-	-	-	-	
1930	188	5171		145	1509	-	-	-	-	-	
1931	178	5165		169	1450	-	-	-	-	-	
1932	179	4986		157	1496	-	-	-	-	-	
1933	135	4867		222	1329	-	-	5	209		
1934	111	6078		268	1347	-	-	10	573		
1935	100	6196		264	1380	-	-	8	25		
1936	101	6220		146	1326	-	-	-	123		
1937	69	5470		287	1353	-	-	-	176		
1938	88	5897		33	1311	-	-	-	109		
10 Yr. Ave.	137	5559		185	1392	0	2	2	122		

10 Yr. Ave. Acres - Spring Wheat 29

Rye 26 Flaxseed 14

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 18
LAND UTILIZATION AND YIELDS
Wheatland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acre	Ave. Yld.	Acre	Ave. Yld.	Acre	Ave. Yld.	Acre	Ave. Yld.
1929	133	21687	163	7527	46	4796	38	24	21	330	30
1930	130	21021	162	7289	40	4782	39	43	28	285	31
1931	128	21348	167	8161	41	4548	37	43	26	384	33
1932	132	22178	168	8037	45	4937	35	36	16	449	21
1933	134	21983	164	8292	50	4818	15	26	10	406	12
1934	124	21563	174	6356	20	4585	12	78	16	311	9
1935	126	21671	172	6889	41	5134	37	124	12	601	28
1936	130	21815	168	7531	7	4561	26	100	18	608	21
1937	129	21360	166	7897	49	4196	51	309	28	593	42
1938	129	21612	168	7899	56	4196	43	172	15	856	37
10 Yr. Ave.	130	21624	167	7588	42	4655	33	96	20	482	28
Year	POPCORN			SOYBEANS			GRASS SEED			TAME HAY	
	Acres	Ave. Yld. Lbs.		Acres	Ave. Yld.		Timothy	Red & Als. Clc	Sweet Clover	Alfalfa	All Tame Hay
1929	400	1790	-	-	-		39	-	-	146	1901
1930	463	1533	-	-	10		85	14	316	2055	
1931	187	1517	-	-	31		-	-	242	1654	
1932	351	1684	4	10	14		-	8	327	1813	
1933	189	1807	-	-	-		12	-	397	1786	
1934	273	470	-	-	-		-	-	536	1562	
1935	463	1013	9	20	70		-	3	544	1316	
1936	340	160	9	11	-		-	-	772	1866	
1937	366	1329	-	-	5		17	12	672	1479	
1938	387	1030	15	17	16		7	-	787	1498	
10 Yr. Ave.	342	1222	4	16	15		16	4	474	1693	
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres		Waste- land Acres		Idle Crop Land Acres		
	335	4974	167	1225	-		8		-	-	
1929	255	4562	141	1111	-		11		-	-	
1930	254	4555	201	1286	-		38		6		
1931	251	4769	219	1250	19		6		15		
1932	223	4575	256	1282	7		13		110		
1933	189	5253	1569	1313	-		4		70		
1934	211	4936	674	1230	-		7		4		
1935	224	4842	293	1280	3		-		158		
1936	209	4753	319	1200	6		2		14		
1937	203	4842	238	1205	6		3		76		
10 Yr. Ave.	235	4806	408	1238	4		9		45		

10 Yr. Ave. Acres - Spring Wheat

40

* Included in "All Tame Hay"

Rye 14 Flaxseed 7

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 19
LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Arcadia, Breda, Carroll, Coon Rapids, Dedham,
Glidden, Halbur, Lanesboro, Lidderdale, Manning, Ralston, Templeton, Willey

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	144	7254	50	2977	41	1306	40	-	-	46	34
1930	160	6691	42	2754	34	1309	36	-	-	30	31
1931	167	7195	43	2827	35	1378	35	-	-	47	27
1932	131	6608	50	2988	42	1215	36	-	-	80	19
1933	155	6939	45	2966	47	1369	20	-	-	71	27
1934	115	6502	57	2245	27	1299	14	4	10	101	14
1935	130	6994	54	2705	36	1397	34	6	20	53	21
1936	145	6487	45	2789	11	1195	29	8	35	50	16
1937	161	6354	39	2876	50	1149	46	57	28	22	11
1938	147	6694	46	2877	48	1352	42	42	16	55	40
10 Yr. Ave.	146	6772	47	2800	38	1297	33	12	23	56	24
Year	POPCORN		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	-	-	113	362		
1930	-	-	-	-	-	5	-	204	386		
1931	-	-	-	-	-	-	-	273	457		
1932	-	-	-	-	-	-	-	206	471		
1933	-	-	-	-	-	-	-	186	477		
1934	1	220	-	-	-	-	-	242	380		
1935	-	-	-	-	-	-	-	292	510		
1936	-	-	-	-	-	-	-	198	297		
1937	-	-	19	23	-	-	-	259	380		
1938	-	-	10	10	21	-	-	285	425		
10 Yr. Ave.	.1	220	3	18	2	.5	0	226	414		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
	40	2166	30	318	4	5	-				
1930	24	1759	25	373	4	21	6				
1931	26	1806	63	507	44	21	19				
1932	8	1519	12	283	17	15	-				
1933	7	1559	81	358	4	17	30				
1934	7	1585	60	315	5	48	452				
1935	54	1579	64	506	15	50	55				
1936	6	1695	11	401	4	21	10				
1937	10	1358	49	363	22	45	4				
1938	61	1276	31	461	19	18	46				
10 Yr. Ave.	24	1630	43	388	14	26	62				

10 Yr. Ave. Acres - Spring Wheat 3

Rye 2 Flaxseed 0

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 20
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	1,793	539	850	69	-	3,104
1880	16,532	5,887	7,253	353	905	43,981
1890	44,580	11,471	13,017	588	717	82,015
1900	44,145	14,665	13,843	470	2,222	83,084
1910	47,016	13,311	15,258	477	2,755	74,679
1920	50,425	8,051	14,604	703	5,457	92,020
1925	50,182	12,804	12,733	1,052	4,476	105,685
1930	45,549	13,874	12,279	934	8,197	122,952
1935	55,444	15,317	10,094	819	10,933	79,569
1936	54,347	14,648	9,874	906	8,828	92,240
1937	48,888	13,661	9,426	817	7,684	69,182
1938	51,622	13,292	8,733	695	7,677	80,965
1939	50,901	13,553	8,562	720	9,132	85,853

The figures in this table for the years 1870-1935, inclusive, have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 21 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 21
LIVESTOCK NUMBERS
By Townships

27

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Arcadia	620	44	3748	53	6285	590	39	2750	24	3867
Eden	641	29	3144	124	4801	665	21	2658	270	3284
Ewoldt	585	73	3659	139	4660	526	66	2821	201	2833
Glidden	513	32	2867	683	3914	462	19	2482	440	3040
Grant	589	30	2626	88	3657	495	32	2038	182	2098
Jasper	513	49	2816	761	2491	493	49	2249	526	1877
Kniest	659	49	3215	837	6073	591	47	2804	346	4395
Maple River	568	25	3180	94	4744	529	33	2374	73	3125
Newton	576	51	2761	803	3781	529	55	2248	913	2900
Pleasant Valley	625	80	3870	256	4338	610	61	2924	221	3947
Richland	460	55	2703	451	3494	414	46	2245	630	2599
Roselle	547	84	3419	334	5497	498	78	3190	279	4342
Sheridan	635	38	2776	28	3905	611	41	2269	85	2664
Union	366	35	1988	773	2006	351	25	2337	601	1937
Washington	528	32	3581	145	5079	499	28	2857	177	3534
Wheatland	631	34	3315	61	6414	595	36	2972	-	4530
ALL TOWNS	106	4	469	105	671	128	3	371	60	590
COUNTY	9162	744	50137	5735	71810	8586	679	41589	5028	51562

	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Arcadia	559	35	3163	--	4667	566	38	3853	48	5834
Eden	557	26	2494	247	4131	553	23	2611	142	4827
Ewoldt	390	45	2674	102	3506	453	44	2903	240	5044
Glidden	469	21	2665	605	3326	454	18	2629	812	3855
Grant	483	11	2404	247	2735	490	30	2400	307	3216
Jasper	454	41	2497	470	2248	446	32	2472	1104	2818
Kniest	556	62	3064	911	4691	503	45	3179	386	4768
Maple River	516	40	2622	73	4002	478	39	2782	126	4617
Newton	509	48	2313	437	2908	548	45	2375	816	3705
Pleasant Valley	625	20	3336	303	4032	584	55	2993	284	3837
Richland	391	46	2322	758	3143	368	46	2229	625	3881
Roselle	522	68	3187	318	4619	514	71	3450	341	5492
Sheridan	561	37	2440	140	2576	540	36	2472	53	3502
Union	324	24	1606	466	1298	306	19	1873	701	1413
Washington	466	23	2437	104	4813	492	26	2960	147	4818
Wheatland	578	36	3046	106	5550	530	42	3130	366	6054
ALL TOWNS	67	7	369	46	628	77	6	410	67	671
COUNTY	8027	590	42639	5333	58873	7902	615	44721	6565	68352

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 20 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
CREAMERY STATISTICS
1905-1939

Year	Number of Creameries In County	Butter Made	Butter Sold in Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	7	1,326	12	1,314
1906	6	1,839	35	*
1907	5	1,491	17	*
1908	5	1,595	44	*
1909	5	1,499	22	*
1910	6	1,538	40	*
1911	6	2,246	63	*
1912	6	621	90	530
1913	9	722	109	613
1914	10	821	156	665
1915	7	681	129	552
1916	8	814	283	531
1917	8	828	344	465
1918	7	748	436	252
1919	7	784	381	403
1920	7	800	288	410
1921	8	1,126	644	482
1922	9	1,665	608	909
1923	8	1,855	696	1,041
1924	8	2,120	560	1,549
1925	8	3,256	375	2,426
1926	8	3,045	504	2,472
1927	7	3,383	424	2,898
1928	8	2,559	446	2,096
1929	8	3,607	442	3,181
1930	8	3,420	511	2,926
1931	9	3,650	636	3,016
1932	8	3,682	943	2,738
1933	8	4,243	677	3,543
1934	8	4,481	813	3,547
1935	8	3,743	758	2,728
1936	8	3,314	1,053	2,256
1937	8	4,176	1,157	3,018
1938	8	4,601	982	3,615
1939	*	*	*	*

The sum of the two columns "Butter Sold in Iowa" and "Butter Sold out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Not given in source.

TABLE 23
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	67,475	274,069
1885	110,797	306,589
1890	211,233	793,379
1895	200,844	740,425
1900	230,519	1,048,240
1905	267,342	885,563
1910	327,283	1,143,235
1915	329,849	1,199,385
1920	321,633	1,246,988
1925	361,102	1,404,326
1930	388,086	2,305,482
1935	338,693	1,933,762

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 24
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buckwheat	Soybeans	Flaxseed
1930	2217	2094	1957	71	56	389	5	5	3	2
1932	2172	2072	1908	67	38	362	6	1	3	14
1934	2152	2039	1855	153	92	344	20	0	5	8
1936	2187	2068	1891	175	55	345	73	1/	15	6
1938	2133	2035	1877	219	41	315	56	1/	69	3
Average	2172	2062	1898	138	56	351	32	2	19	7
Year	Popcorn	HAY CROPS								
		Clover and Timothy	Alfalfa	Soybean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	Wild Hay
1930	66	830	657	5	1/	292	152	4	32	327
1932	37	454	902	7	34	329	244	30	57	301
1934	29	410	1149	47	152	159	85	168	181	300
1936	46	685	1342	68	101	1/	1/	1/	87	254
1938	53	314	1302	455	79	1/	1/	1/	166	219
Average	46	539	1070	116	92	260	160	67	105	280
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	9	44	1	2069	1/	1/	1/	1/	1/	1749
1932	12	5	2	2063	1/	1/	1/	1/	1/	1726
1934	2	2	10	2056	1/	1/	1/	1/	1/	1618
1936	1	6	5	2094	1801	281	1888	219	1749	1547
1938	12	30	14	2020	1792	271	1908	234	1781	1593
Average	7	17	6	2060	1796	276	1898	226	1765	1647
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Tractors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	664	418	1963	1287	770	6	34	348	7	34
1932	581	286	1904	642	981	9	51	324	17	9
1934	623	216	1873	959	1055	4	83	256	1357	187
1936	993	198	1854	1413	736	29	24	292	169	678
1938	1196	172	1875	1622	1/	1/	29	326	161	206
Average	811	258	1894	1185	886	12	44	309	342	223

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	870	40.0	134,812	38.0	140	6.5	31,032	8.7
1930	934	42.2	139,706	39.3	145	6.5	32,640	9.2
1932	830	38.2	130,852	36.5	157	7.2	34,950	9.8
1934	826	38.4	129,246	36.2	155	7.2	36,321	10.2
1936	863	39.5	131,634	36.9	171	7.8	38,228	10.7
1938	898	42.1	142,637	40.1	155	7.2	35,523	10.0
1928 - 38 Average	870	40.0	134,815	37.8	154	7.1	34,782	9.8
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,164	53.5	189,390	53.3	2,174	100.0	355,234	100.0
1930	1,138	51.3	182,908	51.5	2,217	100.0	355,254	100.0
1932	1,185	54.6	192,219	53.7	2,172	100.0	358,021	100.0
1934	1,171	54.4	191,183	53.6	2,152	100.0	356,750	100.0
1936	1,153	52.7	187,265	52.4	2,187	100.0	357,127	100.0
1938	1,080	50.7	177,244	49.9	2,133	100.0	355,404	100.0
1928 - 38 Average	1,149	52.9	186,701	52.4	2,173	100.0	356,298	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 26
YEARS OF TENURE
January 1, 1935

Owners	Carroll County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	22	2.7	4,442	5.2
1 year	21	2.5	3,198	3.8
2 years	26	3.1	3,282	3.8
3 years	23	2.8	2,857	3.4
4 years	27	3.2	3,228	3.8
5-9 years	113	13.6	11,726	13.8
10-14 years	129	15.6	11,279	13.2
15 years and over	468	56.5	45,076	53.0
TOTALS	829	100.0	85,088	100.0
 Tenants				
On present farm less than 1 year	171	16.0	21,763	20.1
1 year	123	11.5	15,053	13.9
2 years	120	11.2	11,555	10.7
3 years	69	6.4	8,285	7.7
4 years	71	6.6	7,564	7.0
5 years and over	516	48.3	43,826	40.6
TOTALS	1,070	100.0	108,046	100.0

Source: U.S. Agricultural Census.

TABLE 27
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934	1936	1938	
No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	
0- 9	58	2.67	60	2.71	43	1.98	52	2.41	61	2.79
10- 29	50	2.30	55	2.48	47	2.16	60	2.79	70	3.20
30- 49	54	2.48	72	3.25	65	2.99	52	2.42	55	2.51
50- 69	40	1.84	50	1.35	34	1.57	30	1.39	32	1.46
70-109	300	13.80	317	14.30	300	13.81	304	14.13	304	13.90
110-149	410	18.86	412	18.58	393	18.09	397	18.45	406	18.56
150-189	637	29.30	640	28.87	639	29.42	631	29.32	626	28.62
190-229	197	9.06	203	9.16	215	9.90	199	9.25	203	9.28
230-269	223	10.26	235	10.60	236	10.87	222	10.31	238	10.88
270-309	73	3.56	69	3.11	72	3.31	63	2.93	58	2.65
310-349	85	3.82	84	3.79	80	3.68	74	3.44	77	3.52
350-389	26	1.19	18	.81	24	1.10	33	1.53	25	1.05
390-429	10	.46	11	.50	10	.46	15	.70	16	.73
430-469	2	.09	4	.18	6	.28	5	.23	6	.28
470-509	3	.14	2	.09	3	.14	8	.37	6	.28
510-549	1	.05	0	0	2	.09	3	.14	1	.05
550-589	2	.09	2	.09	1	.05	1	.05	1	.05
590-629	2	.09	1	.04	1	.05	1	.05	3	.14
630-669	1	.05	0	0	0	0	0	0	0	0
670-709	0	0	2	.09	1	.05	2	.09	2	.09
Total Farms	2174	100.00	2217	100.00	2172	100.00	2152	100.00	2187	100.00
										2133
										100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 28
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	TRACTORS	Radios
1926	2,354	273	488	606
1927	2,366	308	481	868
1928	2,455	351	526	1,011
1929	2,490	401	551	1,218
1930	2,608	436	639	1,270
1931	2,481	429	699	1,316
1932	2,394	385	705	1,101
1933	2,154	285	616	731
1934	2,172	254	599	785
1935	2,143	221	661	958
1936	2,111	220	792	1,207
1937	2,099	206	950	1,441
1938	2,060	188	1,137	1,556
1939	2,103	186	1,273	1,657

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 29
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Union	775	-	-	78	-	-	853	3.70
Newton	1944	183	-	-	362	-	2489	10.85
Eden	160	-	-	-	-	-	160	.73
Ewoldt	814	-	79	-	-	-	893	4.17
Richland	780	390	-	-	-	-	1170	5.39
Pleasant Valley	786	-	-	153	-	-	939	4.19
Roselle	160	-	-	-	-	-	160	.70
Washington	158	-	-	-	-	-	158	.72
Glidden	388	178	199	-	-	-	765	3.43
Grant	236	-	-	-	-	314	550	2.52
Maple River	-	574	-	-	-	-	574	2.67
Arcadia	-	80	-	-	-	-	80	.35
Jasper	1790	80	-	-	262	-	2132	9.71
Sheridan	194	157	-	-	-	-	351	1.57
Kniest	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-
Carroll and Warren	-	-	-	-	-	-	-	-
County Total	8185	1642	278	231	624	314	11274	3.15

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 30
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Union	1072	-	-	78	-	-	1150	4.99
Newton	1789	183	-	-	362	-	2334	10.17
Eden	160	-	-	-	-	-	160	.73
Ewoldt	814	-	79	-	-	-	893	4.17
Richland	780	390	-	-	-	-	1170	5.39
Pleasant Valley	628	145	-	153	-	-	926	4.14
Roselle	160	-	-	-	-	-	160	.70
Washington	748	-	-	-	-	-	748	3.41
Glidden	548	178	199	-	-	-	925	4.15
Grant	403	-	-	-	-	314	717	3.29
Maple River	-	194	-	-	-	-	194	.90
Arcadia	-	80	-	-	-	-	80	.35
Jasper	1713	238	-	-	104	-	2055	9.36
Sheridan	429	157	-	-	-	-	586	2.63
Kniest	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-
Carroll and Warren	-	-	-	-	-	-	-	-
County Total	9244	1565	278	231	466	314	12098	3.38

Source: Department of Economics & Sociology,
Iowa State College,

TABLE 31
VALUE OF FARM LAND AND BUILDINGS

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs. Per Acre	Value of Land & Bldgs. Per Farm
1880	1,721	224,501	\$ -	\$ -	\$ 4,223,458	\$ 18.81	\$ 2,454
1890	2,116	327,756	" -	" -	9,997,240	30.50	4,725
1900	2,175	356,987	13,676,400	2,527,550	16,203,950	45.39	7,450
1910	2,092	351,936	37,495,460	4,760,000	42,255,460	120.07	20,199
1920	2,087	355,380	93,547,188	10,433,470	103,980,658	292.59	49,823
1925	2,113	345,776	53,027,431	12,411,067	65,438,498	189.25	30,969
1930	2,224	357,939	45,299,650	13,346,070	58,645,720	163.84	26,369
1935	2,152	356,888	" -	" -	35,388,648	99.16	16,445

* Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 32
 REAL PROPERTY AND MONEYS AND CREDITS TAXES
 COLLECTIBLE IN 1939, FOR ALL PURPOSES
 (Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 11,974.01	\$ 48,563.69	\$ 60,537.70
Soldiers' Bonus Tax	4,291.54	8,862.46	13,154.00
General County Tax	8,980.83	36,423.19	45,404.02
Court Expense Tax	2,215.17	8,984.30	11,199.47
Poor Tax	8,980.49	36,422.78	45,403.27
Insane Tax, State Hospital	2,275.17	8,984.30	11,199.47
Insane Tax, County Hospital	-	-	-
County School Tax	1,496.74	6,070.49	7,567.23
Soldiers' Relief Tax	1,496.74	6,070.49	7,567.23
General County Bond Tax	-	-	-
Court House Tax	-	-	-
Emergency Tax	5,987.01	24,281.84	30,286.85
Bovine Tuberculosis Eradication	718.46	2,913.83	3,632.29
Secondary Roads - Construction	6,676.33	27,438.48	34,203.81
Secondary Roads - Maintenance	7,483.76	78,915.99	86,399.75
District School Tax	126,331.70	128,144.91	254,476.61
City Tax	72,873.50	-	72,873.50
Miscellaneous Taxes	394.07	1,754.46	2,148.53
Total	262,204.52	423,831.21	686,035.73*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
 State Board of Assessment and Review.

TABLE 33
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	3	2	4
2. One-room rural elementary	85	83	79
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	13	13	12
5. Separately organized Jr. High	3	2	4
6. Jr.-Sr. High, one organization	-	1	-
7. Separately organized Sr. High	2	1	4
8. Regular High, 4 years or less	7	6	4
9. Junior College	-	-	-
Total Number of Schools	113	108	107

TABLE 34
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	81	87	105
2. One-room rural elementary	1,119	947	757
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	1,236	1,203	974
5. *Jr.-Sr. High, one organization	487	398	960
6. Regular High, 4 years or less	519	752	255
7. Junior College	-	-	-
Total Enrollment in all Schools	3,442	3,387	3,051

*Includes enrollment for School Types 5, 6 and 7 in Table 33.

Source: Annual Reports of County Superintendents to State Department of Public Instruction.

TABLE 35
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	-	312.50	312.50
Improved	-	6.25	123.25	129.50
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	16.8	152.75	391.25	560.80
Stone	-	-	-	-
Paved				
Bituminous	10.6	-	-	10.60
Concrete	59.8	-	-	59.80
Brick	-	-	-	-
County Total	87.2	159.00	827.00	1,073.20

Source: Annual Report, 1938,
Iowa Highway Commission.